

AMENDMENTS

IN THE SPECIFICATION:

Page 1, line 4: Please add: --Field of the invention--.

Page 1, lines 5-16: Please edit the paragraph as follows:

The invention relates to a method for producing a vertically emitting laser, in particular a VCSEL laser (VCSEL: Vertical Cavity Surface Emitting Laser). ~~VCSEL lasers emit light perpendicularly to the surface, so that lasers of this type are predestined for low-cost applications. On account of their geometrical form, however, VCSEL lasers tend to emit their light in transverse multimode fashion. However, multimodality leads to a mode noise, which is disturbing if data transmission at a high bit rate is to be effected. Moreover, transverse multimodality leads to increased coupling losses.~~

Page 1, line 18: Please edit line 18 as follows:

~~Prior art:~~ Background of the invention:

Page 3, lines 16-19: Please delete the paragraph as follows:

~~Object of the invention:~~

~~The invention is based on the object of specifying a method which makes it possible to produce VCSEL lasers with even better optical properties than heretofore.~~

Page 3, lines 22-25: Please delete the paragraph as follows:

~~This object is achieved according to the invention by means of a method having the features in accordance with patent claim 1. Advantageous refinements of the method according to the invention are specified in subclaims.~~

Page 8, line 22: Please insert the phrase:

--Brief description of the drawings:--.

Page 9, line 4: Please insert the phrase:

--Detailed description of the invention:--.